

Scout Report sent out



Noted in the NID File



Location map pinned



Approval or Disapproval Letter



Date Completed, P. & A. or
operations suspended

8-22-89

Pin changed on location map



Affidavit and Record of A & P



Water Shut-Off Test



Gas-Oil Ratio Test



Well Log Filed



FILE NOTATIONS

Entered in NID File

Entered On S R Sheet

Location Map Pinned

Card Indexed

IIW R for State or Fee Land

Checked by Chief

Copy NID to Field Office

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed

OW..... WW..... TA.....

GW..... OS..... PA.....

Location Inspected

Bond released

State of Fee Land

LOGS FILED

Driller's Log

Electric Logs (No.)

E..... I..... E-I..... GR..... GR-N..... Micro.....

Lat..... Mi-L..... Sonic..... Others.....

Subsequent Report of Chandrasekhar

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee Orlino

Lease No. 14-95-603-9046

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Vernal, Utah February 13, 1950

Well No. 14-9 is located 660 ft. from S line and 660 ft. from W line of sec. 9

1/4 1/4 9 T11 12E 12E
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Rutherford San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the Kelly Spring above sea level is 4630 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudging jobs, cementing points, and all other important proposed work)

It is proposed to drill a new well for oil to be completed in the Desert Creek zone at a total depth of 5680'.

13 3/8", 47#, J-55 casing to be cemented near 170' with sufficient cement to fill to surface.

8 5/8", 24#, J-55 casing to be cemented near 1500' with sufficient cement to fill to surface.

5 1/8", 15.5#, J-55 casing to be cemented with 400 sacks through productive zone.

Top of Harmon	<u>4475'</u>
Base of Upper B Shale	<u>5005'</u>
Base of Lower B Shale	<u>5440'</u>
Completion depth	<u>5680'</u>

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Standard Oil Company of California, Western Operations, Inc.

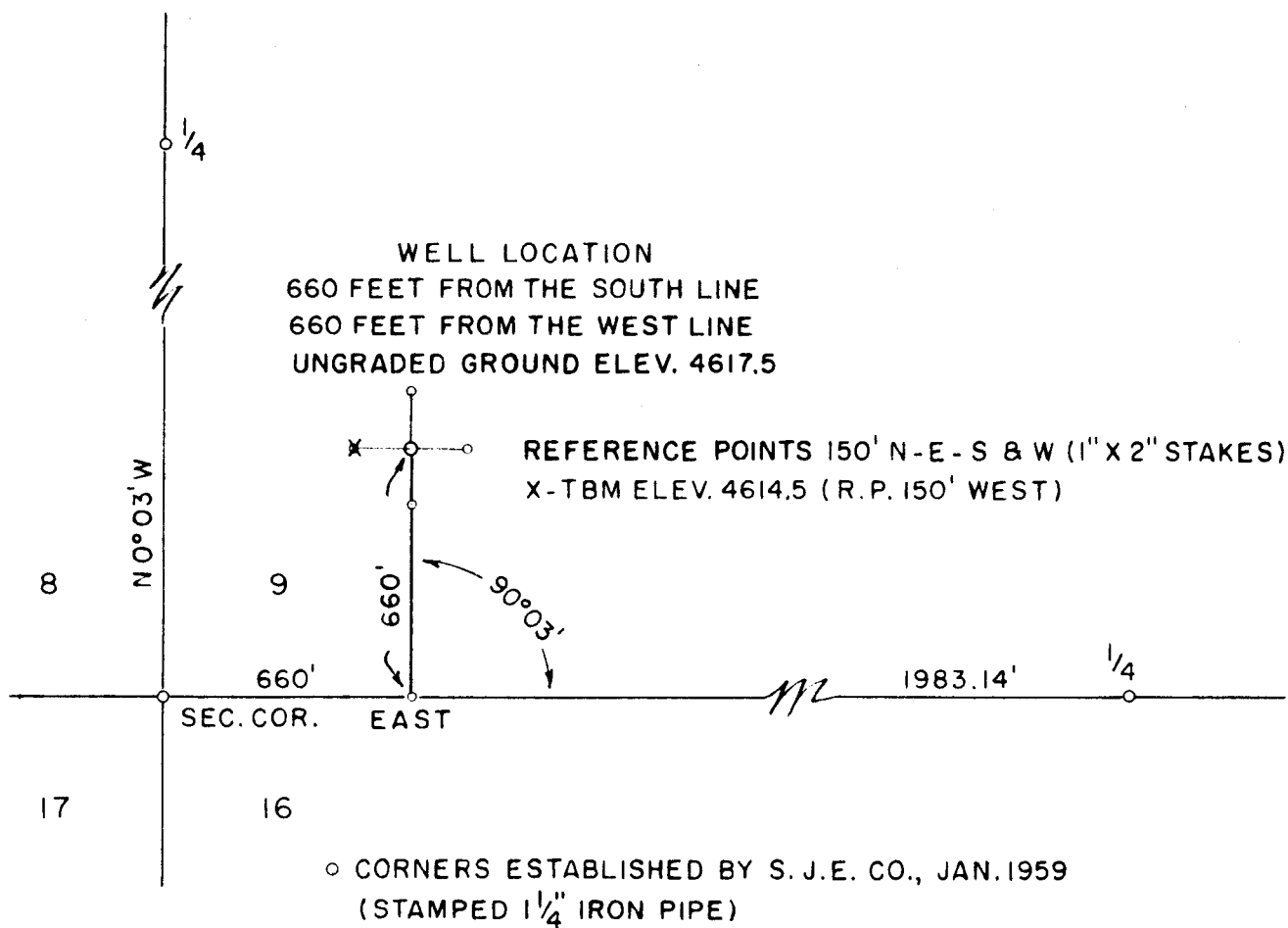
Address P. O. Box 455

Vernal, Utah

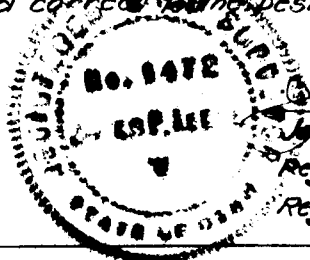
By C. V. Clatterton

Title District Superintendent

USGS-4;
OSGCI-1;
CWS-23
File-1



This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



James P. Lease
James P. Lease,
Reg. Land Surveyor,
Reg. No. 1472, UTAH.

STANDARD OIL CO. OF CALIFORNIA

WELL LOCATION SW 1/4 SW 1/4
SECTION 9 T41S R24E SLBM
SAN JUAN COUNTY UTAH

JAN. 23, 1959 SCALE 1" = 500'

DRAWN BY W.C.

SAN JUAN ENGINEERING CO.
FARMINGTON, N.M.

February 16, 1959

Standard Oil Company of California,
Western Operations, Inc.
P. O. Box 455
Vernal, Utah

Attention: C. V. Chatterton,
District Superintendent

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo 14-9, which is to be located 660 feet from the south line and 660 feet from the west line of Section 9, Township 41 South, Range 24 East, S1EM, San Juan County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well is not spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE SECRETARY

CBF:co

cc: Attn: Phil McGrath
U.S.G.S. Farmington,
New Mexico

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency -----

Allottee ~~W. H. H.~~ -----

Lease No. ~~11-22-603-3046~~ -----

SUNDRY NOTICES AND REPORTS ON WELLS

7/14
3/30

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	Subsequent Report of Running Casing X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

~~Vernal, Utah~~ March 13, 19 ~~59~~

Well No. ~~14-9~~ is located ~~660~~ ft. from ~~S~~ line and ~~660~~ ft. from ~~W~~ line of sec. ~~9~~

~~SW 1/4, SW 1/4, 9~~ (Twp.) ~~11E~~ ~~24E~~ ~~31E~~ (Meridian)

~~Pathfork~~ (Field) ~~San Juan~~ (County or Subdivision) ~~Utah~~ (State or Territory)

The elevation of the ~~datum point~~ ^{Kellyushing} above sea level is ~~4630~~ ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Cemented 12 3/8", 487, H-40 casing @ 188' with 200 sax Portland neat cement.

Cemented 8 5/8", 247, J-55 casing @ 1495' with 800 CF 50-90 Foamix followed by 200 sax neat cement. Used one top rubber plug.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company ~~Standard Oil Company of California, Western Operations, Inc.~~

Address ~~P. O. Box 455~~

~~Vernal, Utah~~

By ~~C. V. [Signature]~~ 3/13/59

Title ~~District Superintendent~~

USGS-4; GACGC-1;
CAG-2; File-1

(SUBMIT IN TRIPLICATE)

Indian Agency -----

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee Tribal

Lease No. 14-22-603-9046

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	X	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Vernal, Utah March 13, 1959

Well No. 14-2 is located 660 ft. from S line and 660 ft. from W line of sec. 9

SW 1/4 SW 1/4 9 418 242 SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Rutherford Area of Greater Aneth San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the Kelly bushing above sea level is 4630 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Present Status: Depth 3818', 13 3/8" cas. 188', 8 5/8" orig cas. 1495'.
The bottom jt of the 8 5/8" casing has broken off at 1455' and dropped down the hole and is now located 1480-1520'. The top has become damaged or pushed out of alignment to the point that it is not possible to enter below 1480'.

We now propose (confirming telephone conversation Locke-Long, March 12, 1959) to run open end drill pipe as far as possible into bottom jt of 8 5/8" casing and place sand-cement bridge. After cleaning out cement below 1455' will set removable whipstock and sidetrack and redrill.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Standard Oil Company of California, Western Operations, Inc.

Address P. O. Box 455

Vernal, Utah

By JC. V. Gatterton 3/13/59

Title District Superintendent

USGS-4; OROCC-1;
CWO-2; File-1

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee Navajo

Lease No. 11-22-603-3016

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	<input checked="" type="checkbox"/>		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Vernal, Utah March 26, 1959

Well No. 11-9 is located 660 ft. from N line and 660 ft. from W line of sec. 9

11-9 (1/4 Sec. and Sec. No.) 11-9 (Twp.) 9-1 (Range) 11-9 (Meridian)
Navajo (Field) San Juan (County or Subdivision) Utah (State or Territory)

The elevation of the well above sea level is 4650 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Present Status: Depth: 3018', 1 1/8" cas 180', 8 5/8" originally cas 1495'.

Subsequent to our notice dated March 11, 1959, the hole was plugged back as proposed and two attempts were made to sidetrack junk by setting removable whipstocks. On the last attempt the hole was redrilled to 1555'. In both instances it was impossible to continue redrilling because of iron in the hole, believed to be due to splintering of the 8 5/8" casing.

We now propose (confirming telephone conversations McLean-Long and Ferguson-McGrath) to plug redrilled hole to 1400', plug surface with 15 sack cement and abandon present hole. Rig will be shifted approximately 90' North and a new well commenced. Separate notice is being filed to cover new well.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Standard Oil Company of California, Western Operations, Inc.

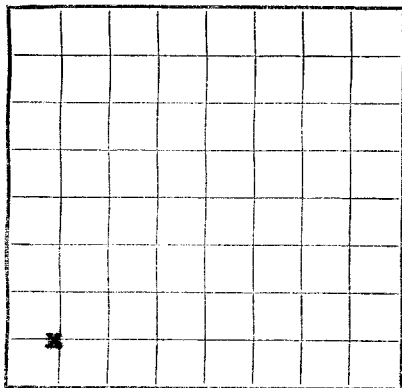
Address P. O. Box 495

Vernal, Utah

By C. V. Chatterton 3/26/59

Title District Superintendent

USGS-4; OMSO-1; CWG-2; File-1

U. S. LAND OFFICE Farmington
SERIAL NUMBER 14-20-603-5046
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Standard Oil Co. of California Address P. O. Box 455, Vernal, Utah
 Lessor or Tract Navajo 4 Field Ratherford State Utah
 Well No. 14-9 Sec. 9 T. 18 R. 24E Meridian SLM County San Juan
 Location 660 ft. N. of S Line and 660 ft. E. of W Line of Sec. 9 Elevation 4630 K.B.
 (Dorrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon
 so far as can be determined from all available records.

Signed

C. V. CAMPBELLDate June 10, 1959Title District Superintendent

The summary on this page is for the condition of the well at above date.

Commenced drilling February 24, 19 59 Finished drilling March 22, 19 59

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
 No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>13 3/8"</u>	<u>48#</u>		<u>H-40</u>						
<u>8 5/8"</u>	<u>24#</u>		<u>J-55</u>						

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13 3/8"</u>	<u>188'</u>	<u>200 Neat</u>			
<u>8 5/8"</u>	<u>1495'</u>	<u>800 cu. ft. Posmix</u>	<u>Halliburton</u>		
		<u>200 Neat</u>			

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
 Adapters—Material _____ Size _____

SHOOTING RECORD

13 3/8"	186'	200 Neat			
8 5/8"	1495'	800 cu. ft. Foamix	Halliburton		
		200 Neat			

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____	Size _____
-------------------------	------------

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

-----, 19-----	Put to producing ----- 19-----
----------------	--------------------------------

The production for the first 24 hours was ----- barrels of fluid of which -----% was oil; -----% emulsion; -----% water; and -----% sediment. Gravity, °Bé. -----

If gas well, cu. ft. per 24 hours ----- Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
base	196'	196'	Sand and boulders
'	3365'	1169'	Shale and sand
'	3818'	453'	Shale and anhydrite
FROM—	TO—	TOTAL FEET	FORMATION

[OVER]
BOOKING RECORD—Continued

13-43094-4

7001 12-428

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Spudded well in February 24, 1959. Drilled 15" hole to 196'. Cntd 13 3/8" csg @ 188' w/200 sax Neat cmt. Drld 11" hole 196' - 1495'. Cntd 8 5/8" csg @ 1495' w/800 cu. ft. 50-50 Posmix followed by 200 sax neat cmt.

March 9, 1959 - 8 5/8" csg parted at 1455' allowing bottom 40' of csg to drop in hole 40' leaving top at 1480'.

March 11 & 12, 1959 - After trying unsuccessfully to work through section of 8 5/8" csg below 1480' with bit ran open end drill pipe to 1550' and plugged hole with 60 sax cement containing 50% sand. Cleaned out cem to 1460'.

March 13 & 14, 1959 - Cleaned out cem to 1460'. Set whipstock & redrilled to 1480'. Subsequently stopped on iron while opening hole at 1472'.

March 15 - Set retrievable cementing tool at 1400' and squeezed away 110 sax cem at 2400 psi pressure.

March 16 & 17 - Cleaned out cem and junk to 1482' where apparently stopped on 8 5/8" csg fish.

March 18 - Equalized 40 sacks cement with 20% sand at 1478'.

March 19 - Redrilled off whipstock to 1555'. Had increasing difficulty getting by junk at 1477'. Plugged hole with 75 sax cement equalized at 1473'.

March 22 - Located top of cem in 8 5/8" csg at 1275'. Bridged top 15' of 8 5/8" csg with cem, filling to bottom of cellar. Welded 1/2" steel plate with 4" O.D. marker post extending 4' above ground level. Moved rig to new location for Well 14A-9.

FOR OR BY THE OWNER

RECEIVED BY THE

DEPARTMENT OF THE INTERIOR

MINERAL DIVISION

RECEIVED BY THE
DEPARTMENT OF THE INTERIOR
MINERAL DIVISION

RECEIVED BY THE
DEPARTMENT OF THE INTERIOR
MINERAL DIVISION

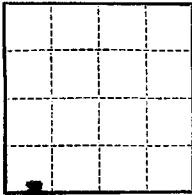
(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee Tribal

Lease No. 14-62-603-2046



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Vernal, Utah

December 30, 1959

Well No. 14-9 is located 660 ft. from 24N line and 660 ft. from 24W line of sec. 9

24N 9 41E 24W
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Rutherford San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the Well above sea level is 4630 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Present Status: Depth: 3428' Flugged: Surface
Casing: 1 3/8" cased 128'
8 5/8" originally cased 1493'

Run tapered mill, unable to get below 1453'. Pulled and cleaned out to 1477' with bit where same run on iron. Flugged hole with 75 can neat cement treated with 2% calcium chloride. Top cement located 1273'. Bridge with cement 15' to collar floor. Welded on 1/2" steel plate, marker placed. Well abandoned and crew released 7:00 a.m. 3/22/59.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Standard Oil Company of California, Western Operations, Inc.

Address P. O. Box 455

Vernal, Utah

By G. V. CHRISTIAN 12/31/59

Title District Superintendent

USGS-4; CASCC-1; JAT-2; File-1



STANDARD OIL COMPANY OF CALIFORNIA
WESTERN OPERATIONS, INC.

P. O. BOX 455 • VERNAL • UTAH

February 4, 1960

PRODUCING DEPARTMENT
C. V. CHATTERTON
DISTRICT SUPERINTENDENT

Mr. C. B. Feight
Executive Secretary
The State of Utah
Oil and Gas Conservation Commission
310 Newhouse Building
10 Exchange Place
Salt Lake City 11, Utah

Dear Mr. Feight:

In answer to your letter regarding Standard Oil Company of California Well #14-9 Navajo, Sec. 9, T41S, R24E in the Ratherford Area.

As you are aware, Navajo 14-9 was abandoned at a total depth of 3820 ft. with a casing fish in hole. The only surveys run in this hole were to this depth to determine exact nature of casing fish. Because of the nature of this depth determination service, no prints or film were mailed to us, but were destroyed by the surveying company. No other electric or radiation surveys were run in this hole.

Yours truly,

C. V. CHATTERTON